

Fig. 1

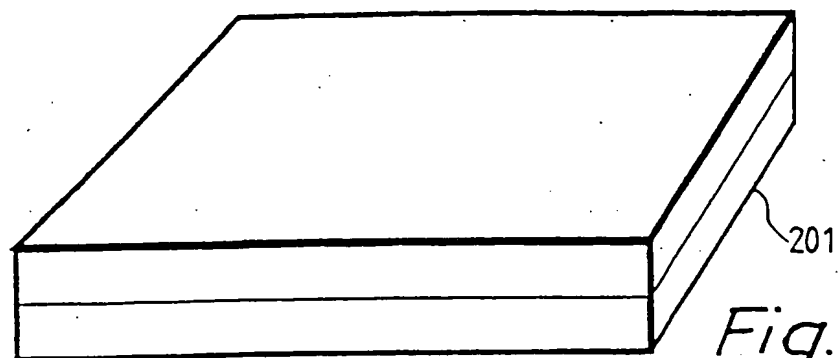


Fig. 2a

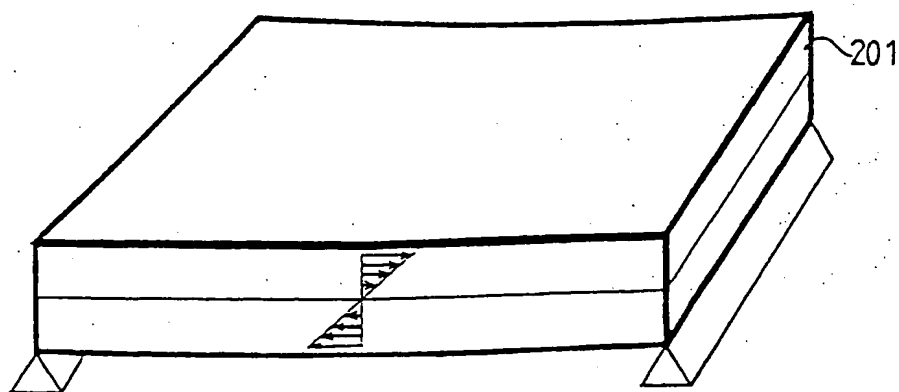


Fig. 2b

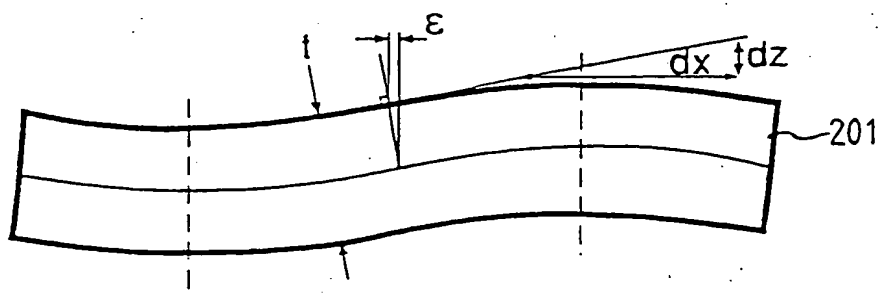


Fig. 2c

Glass plate supported on two sides

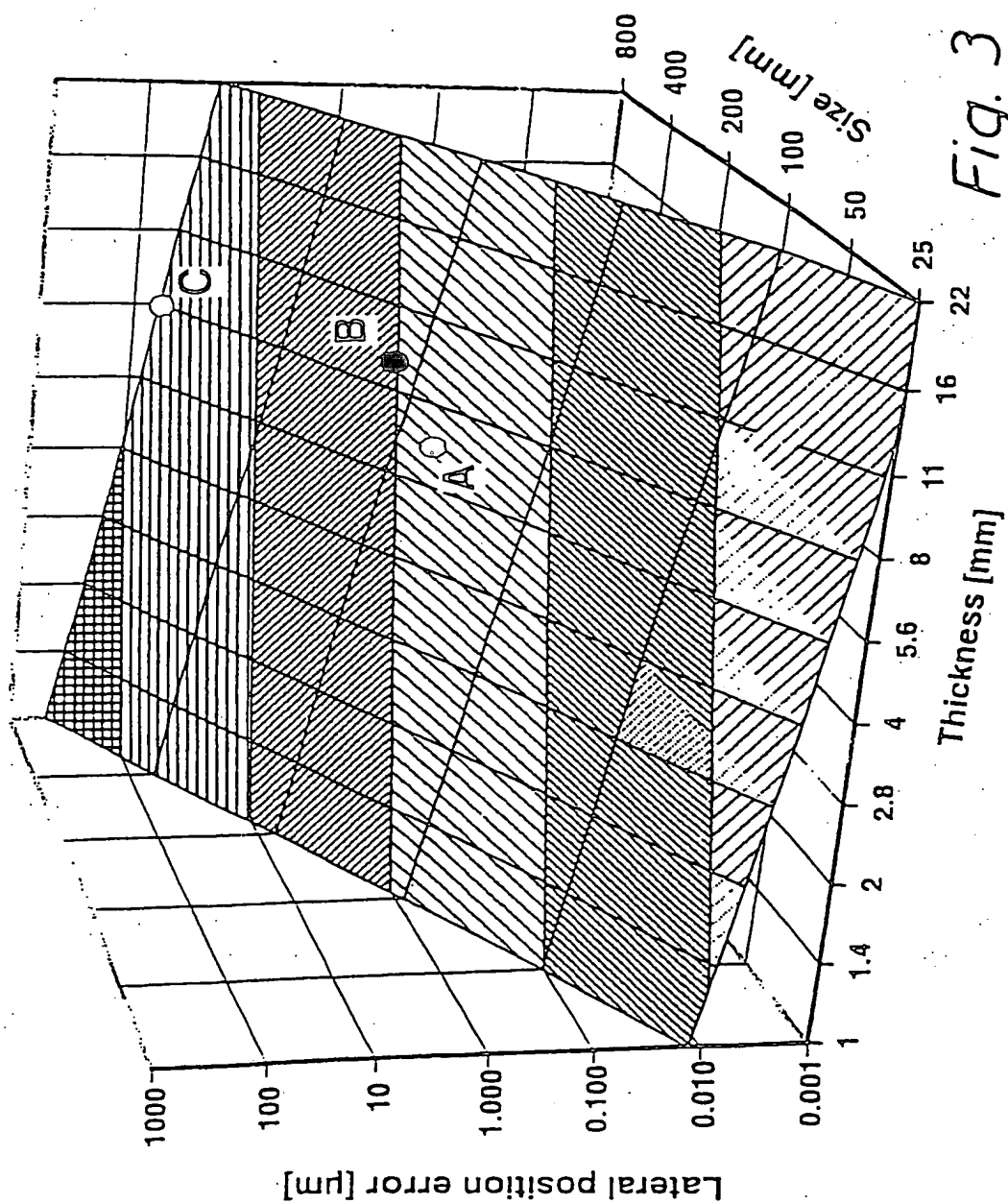


Fig. 3

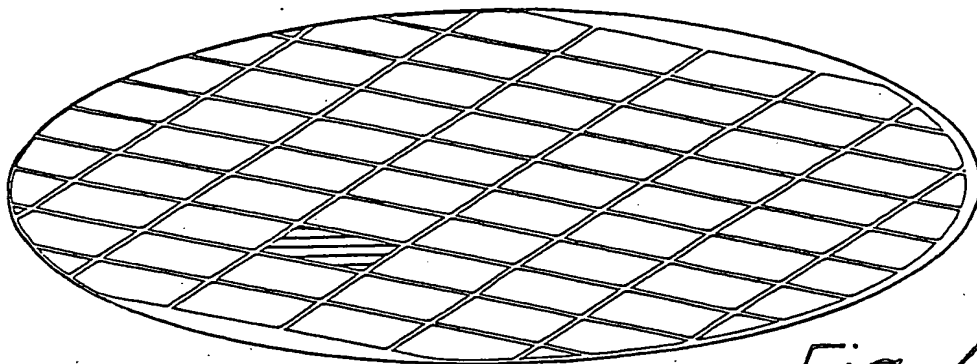


Fig. 4a

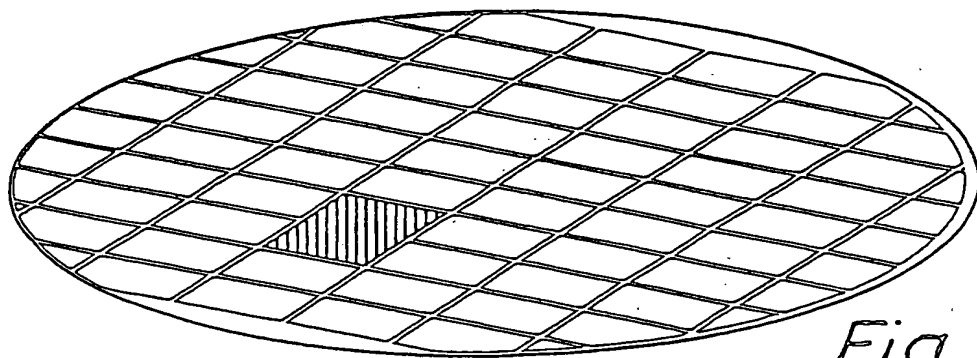


Fig. 4b

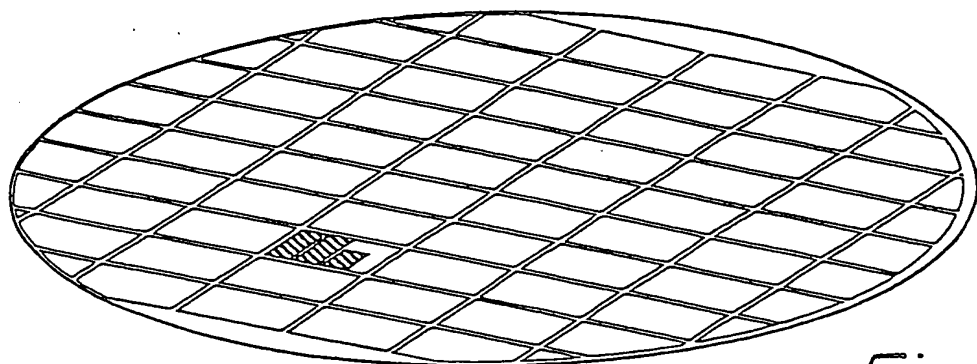


Fig. 4c

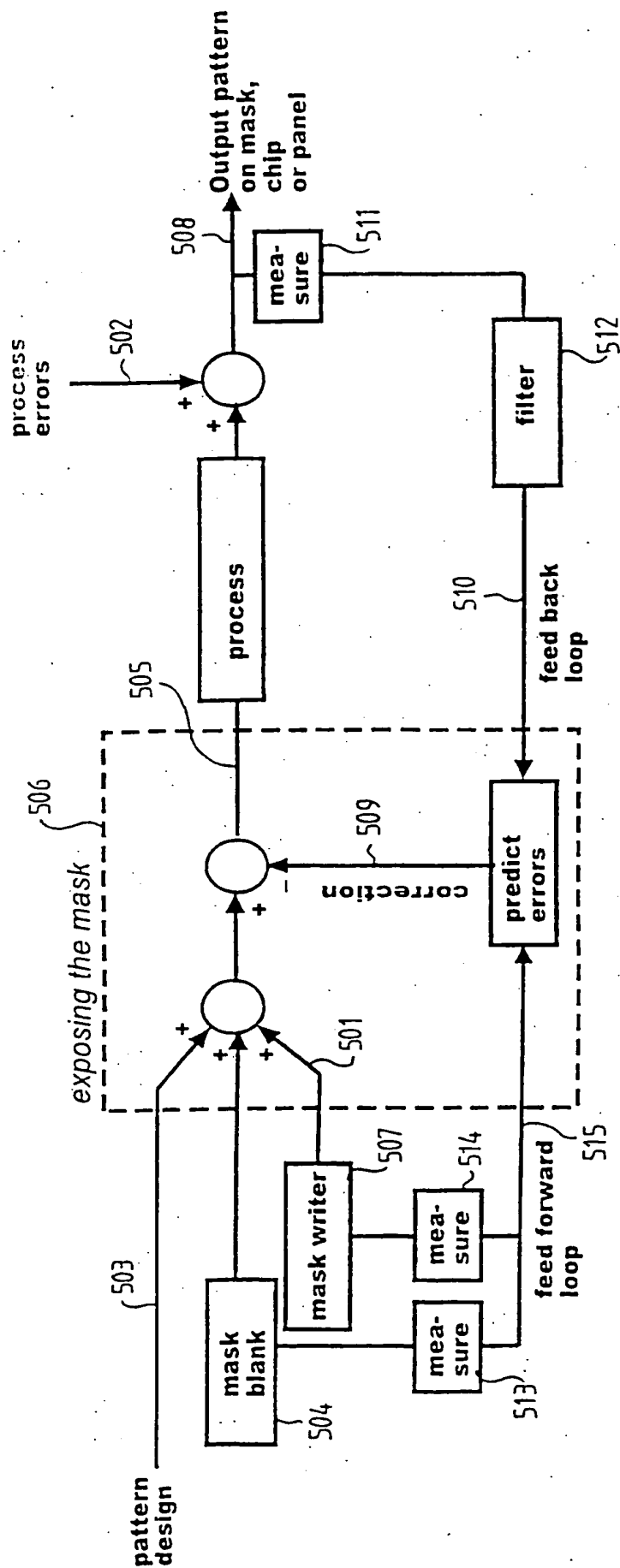


Fig. 5

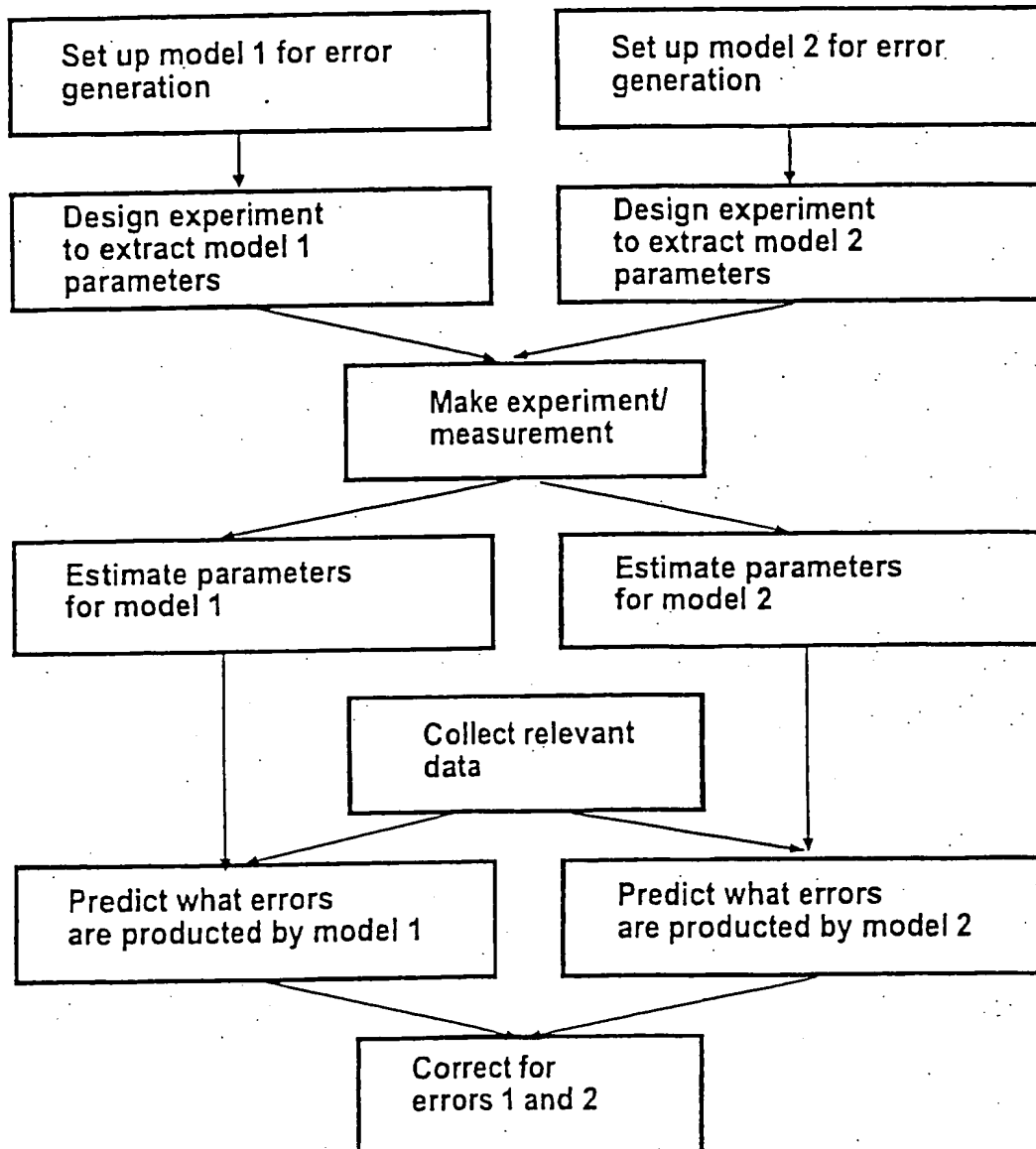


Fig. 6

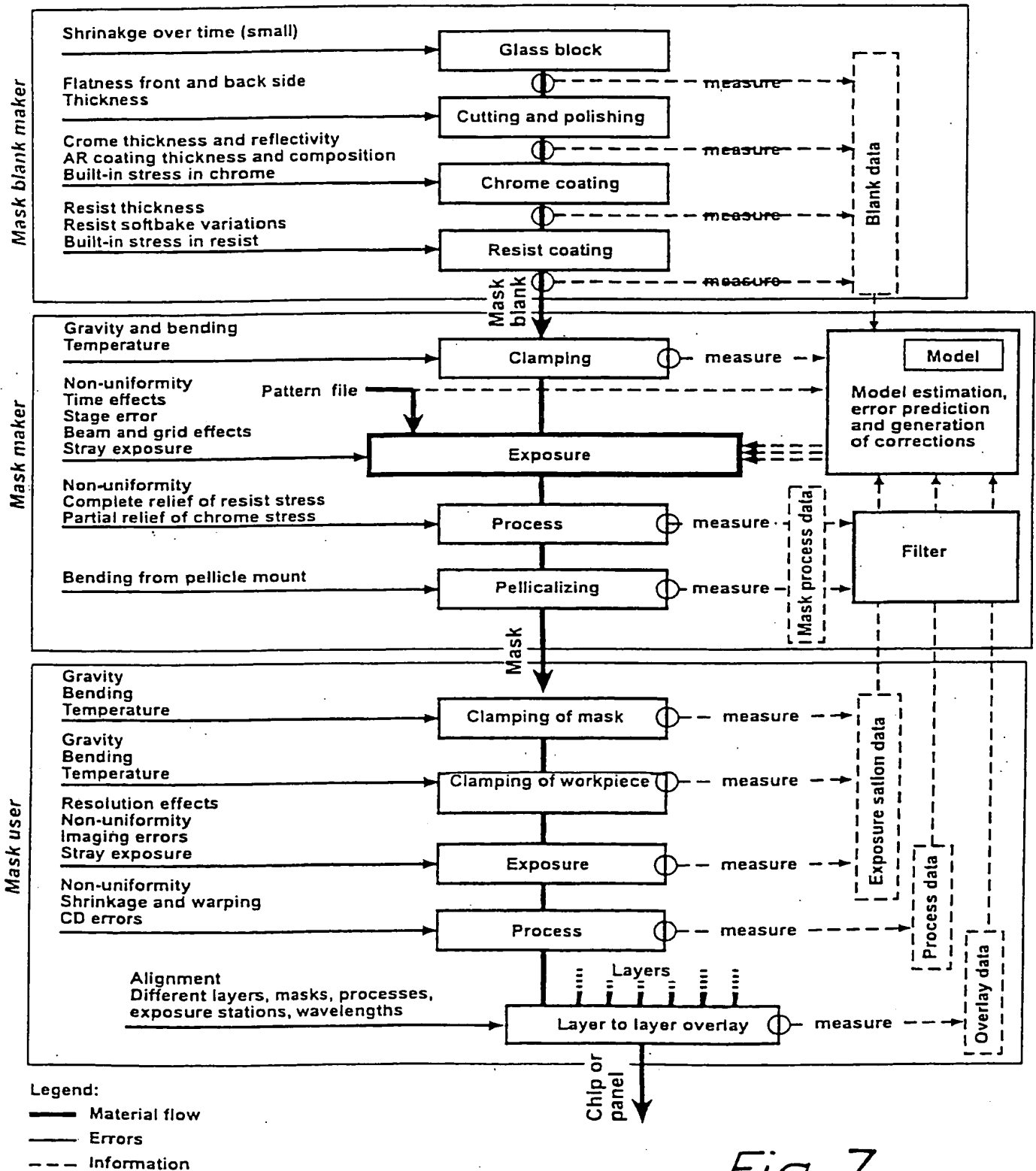
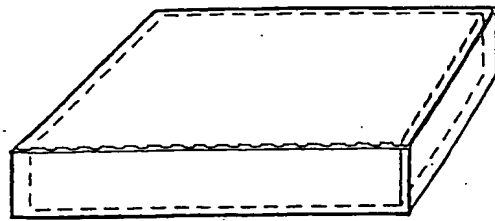
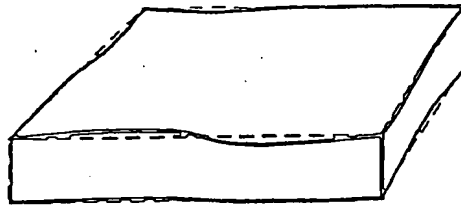


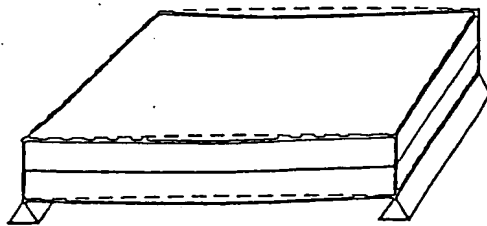
Fig. 7



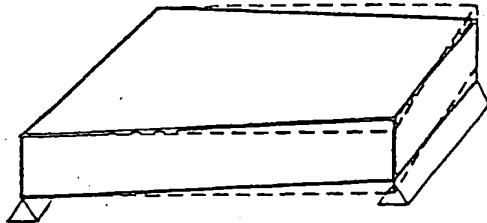
Isotropic Expansion:
Temperature, aging



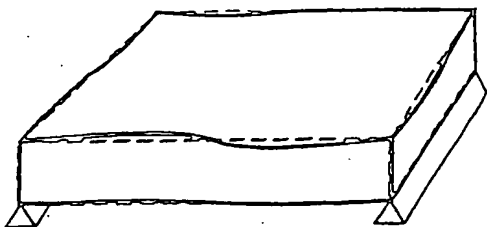
Built-in shape:
follows the plate



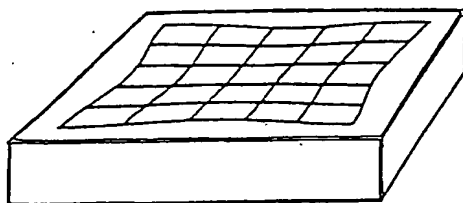
Gravitational sag:
follows the type of
clamping



Clamping errors:
Follows particular
piece of equipment



Shape-clamping
interaction:
non-linear cross
term



Coordinate errors:
Follows particular
piece of equipment

Fig. 8

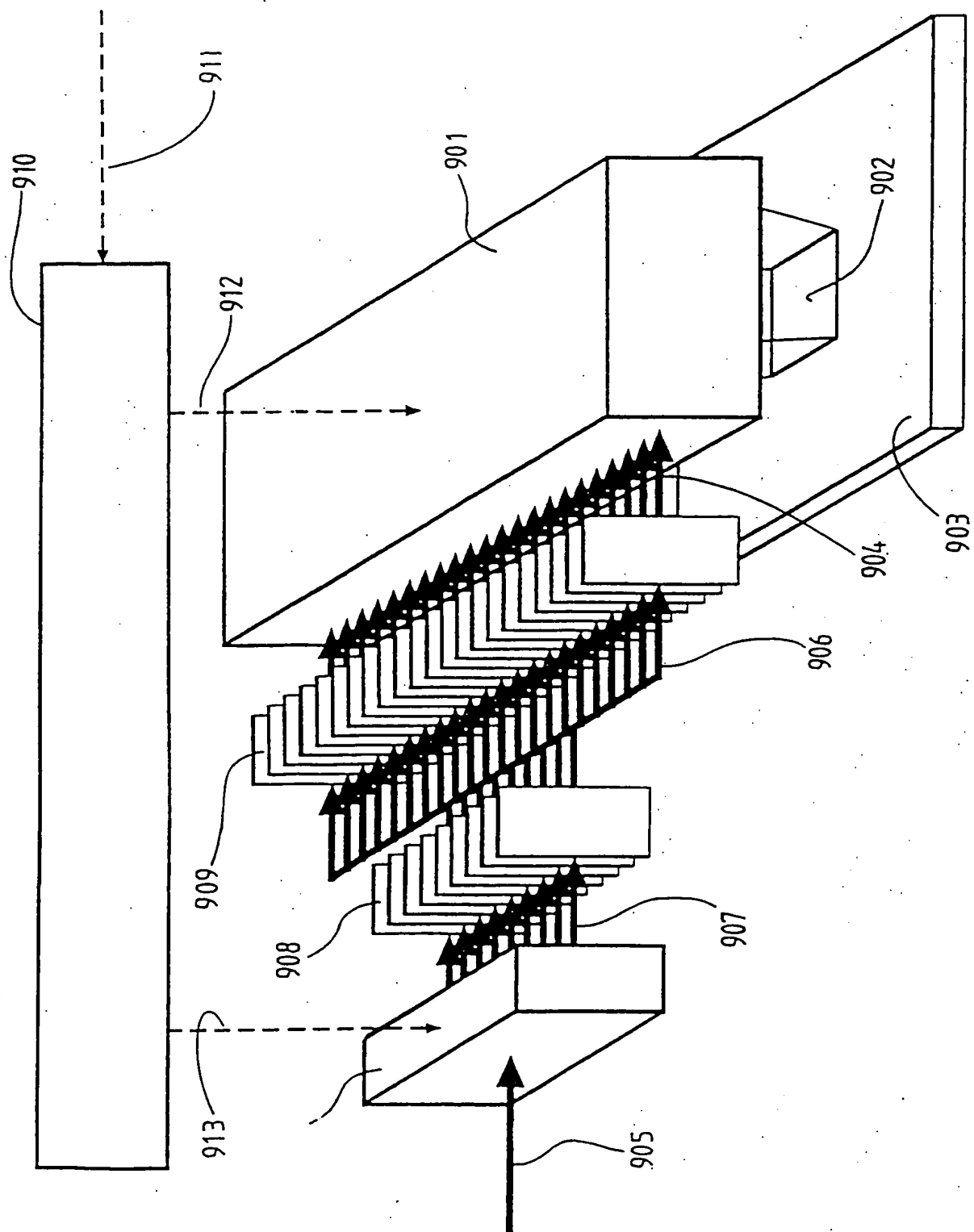


Fig. 9

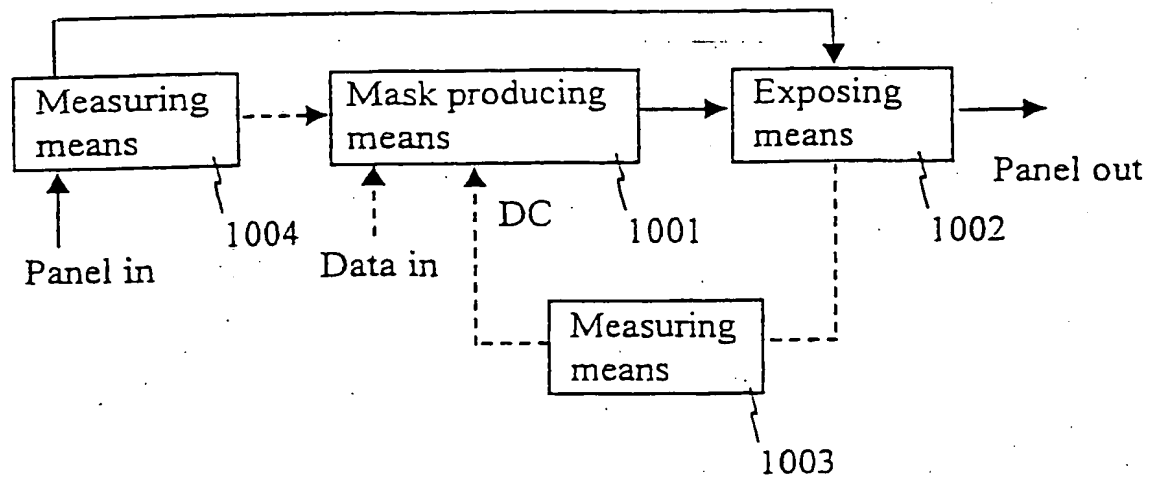


Fig 10

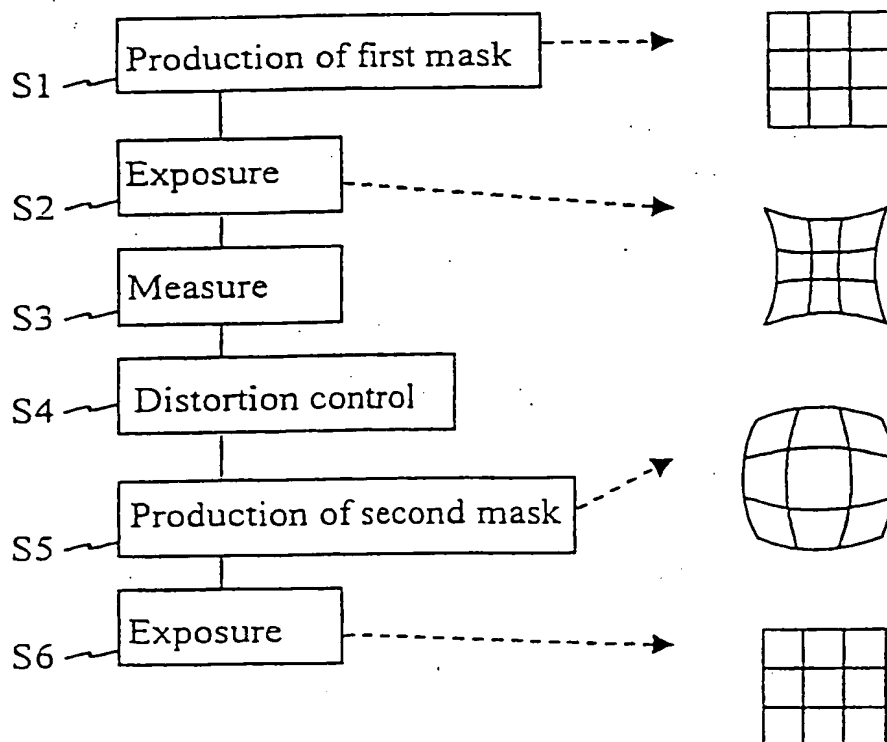


Fig 11

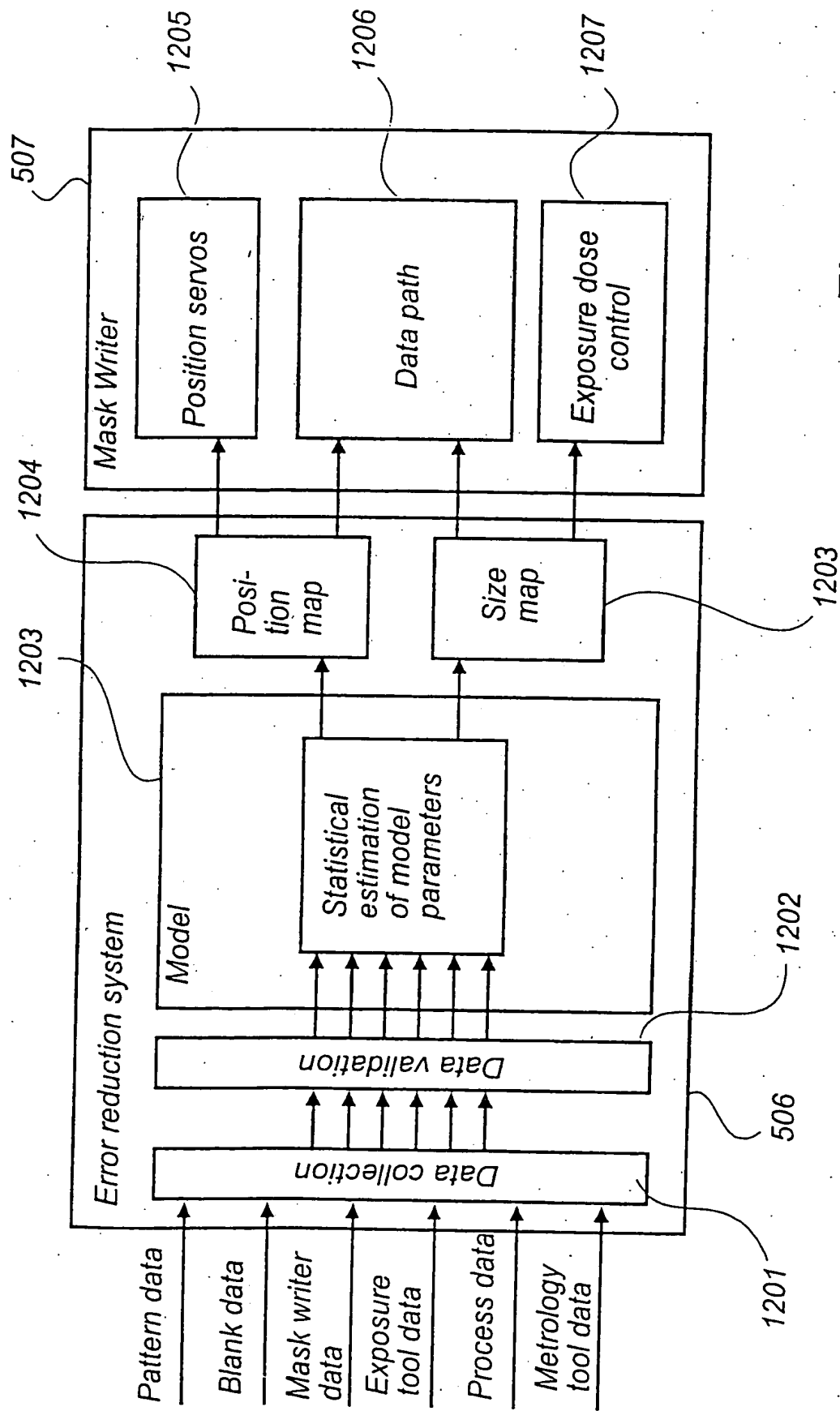


Fig. 12

Dose (x,y)

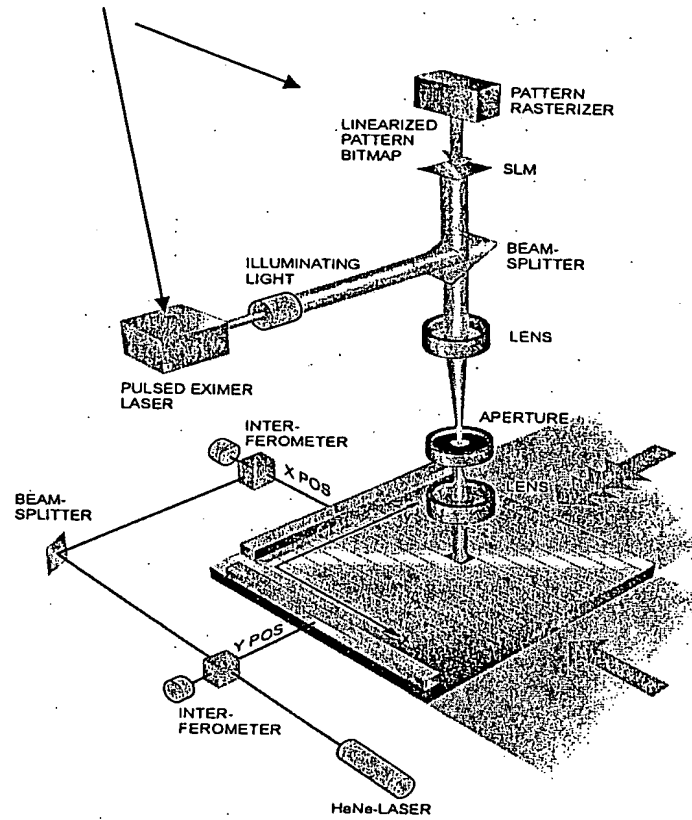
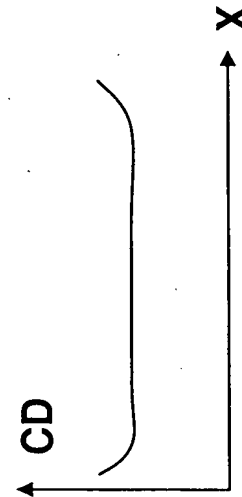
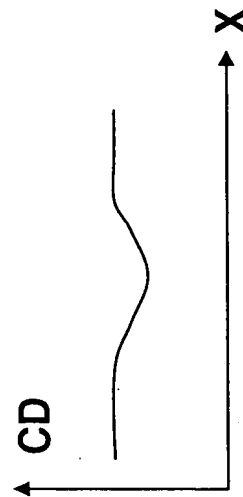
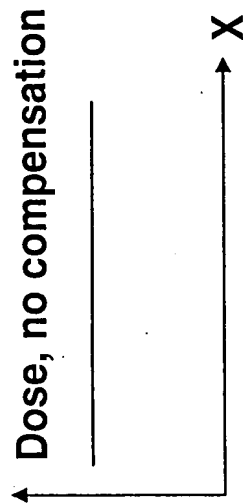
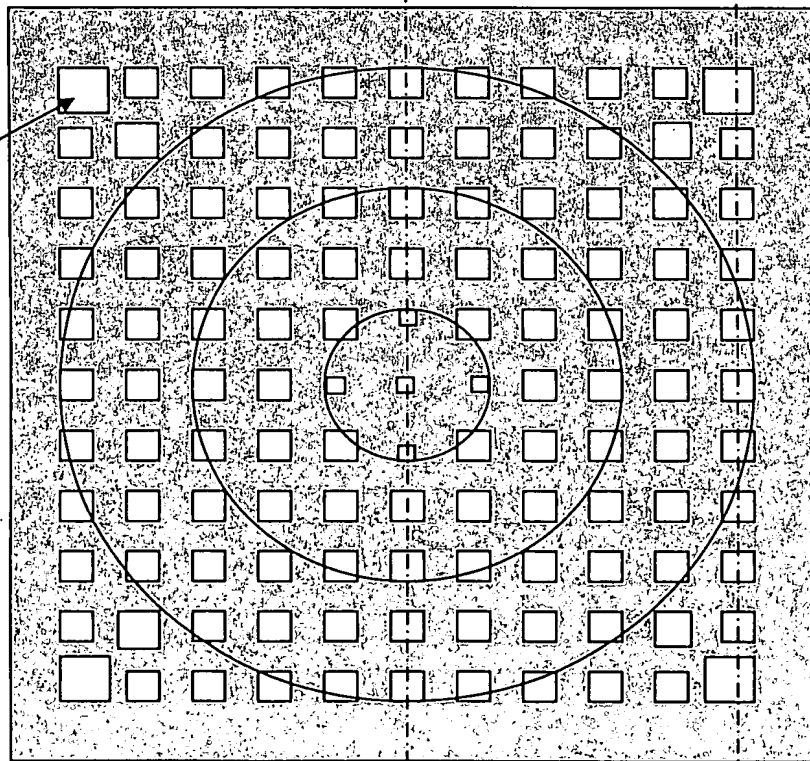


Fig. 13

6" Mask
Size corresponding
to CD deviation



CD profile at two locations on plate

Fig. 148

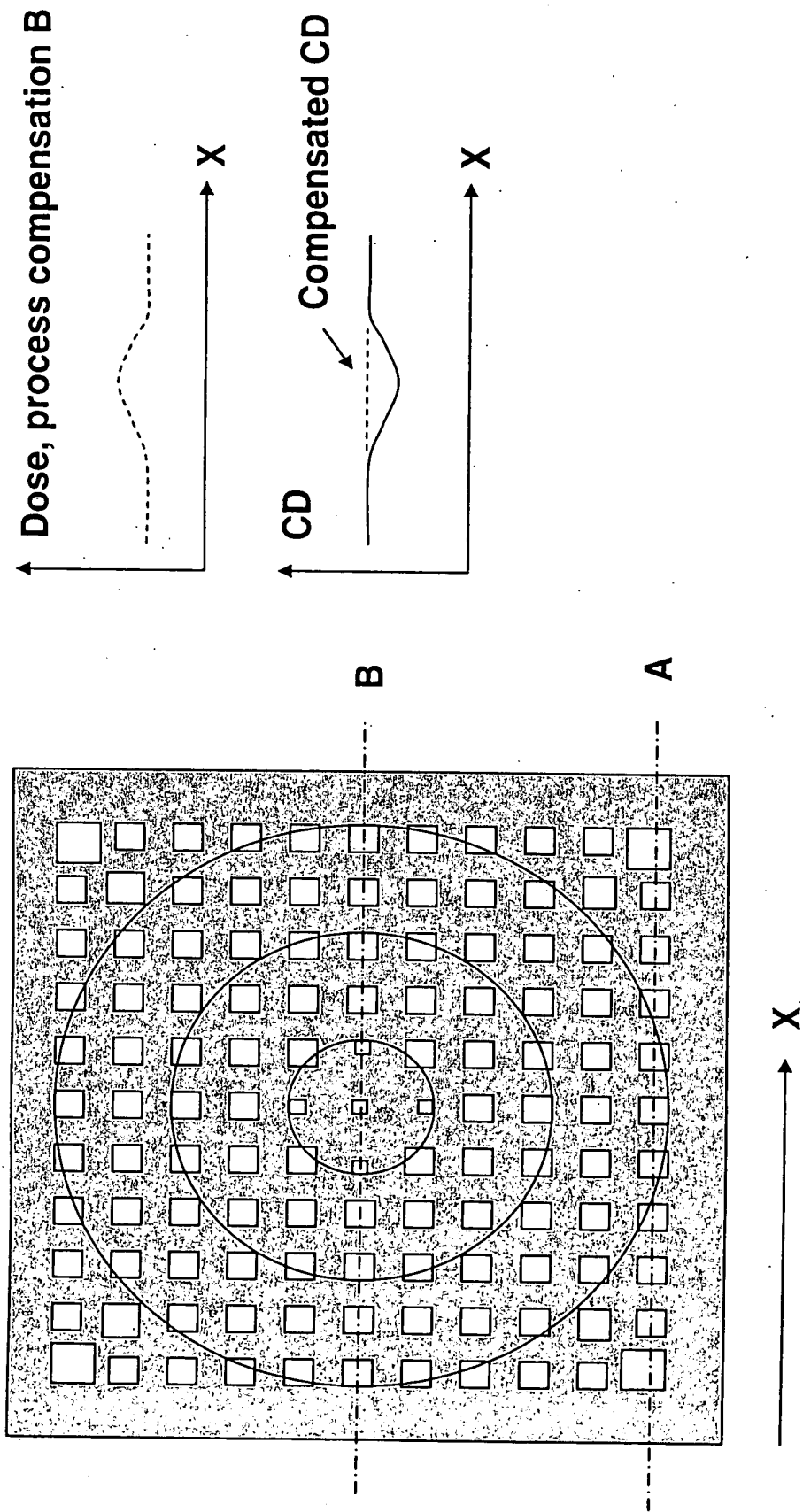


Fig. 14b

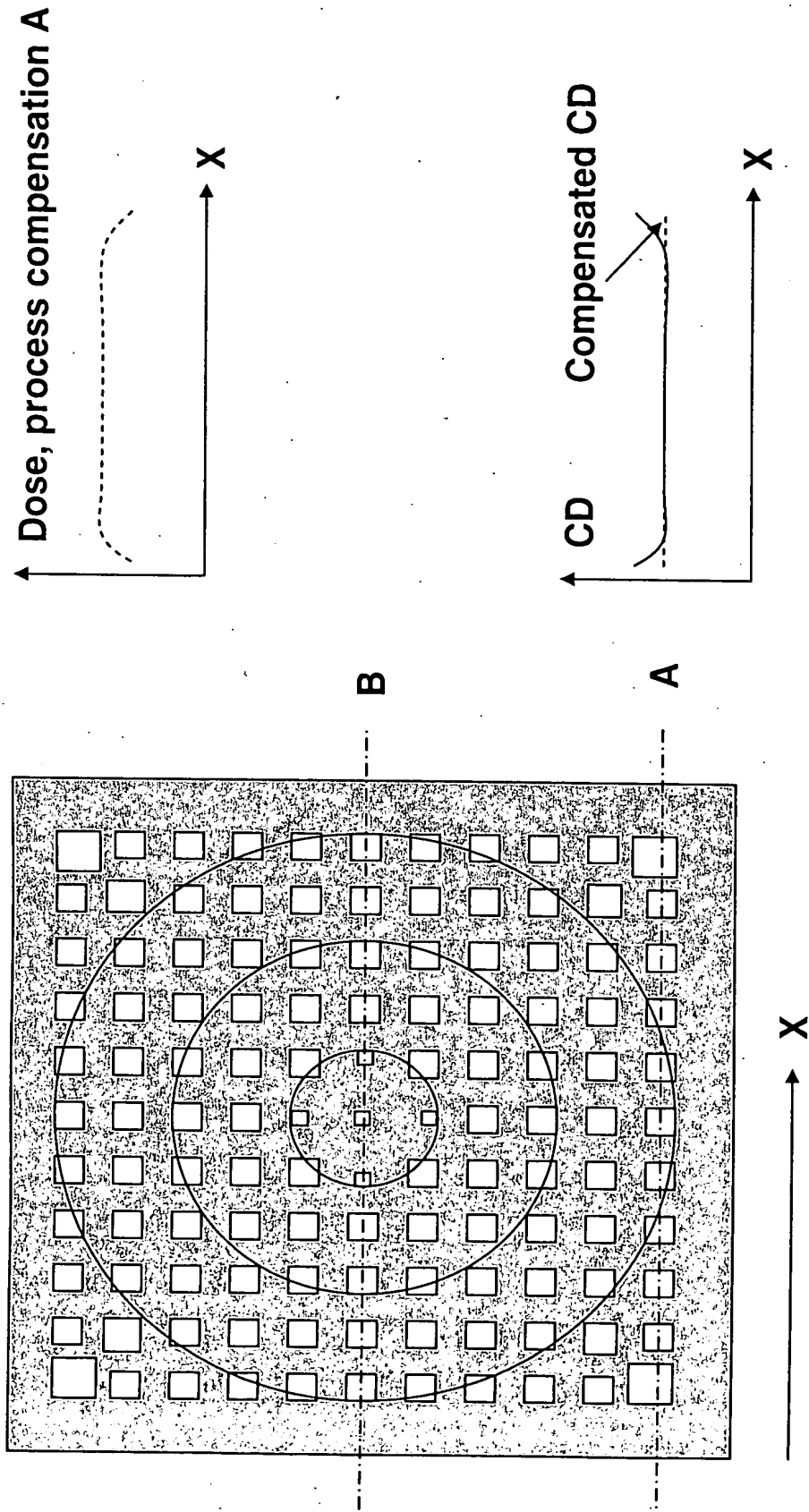
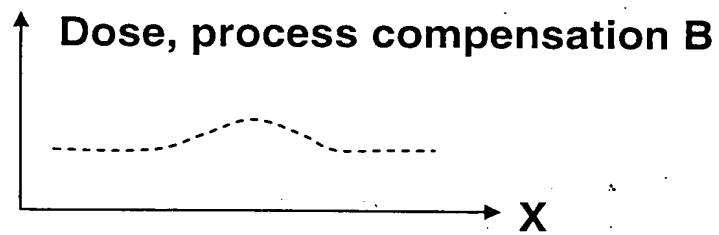


Fig. 14c



dose is a function of (x,y) position on plate.

Fig. 14d